

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,031,363 B2
APPLICATION NO. : 10/697660
DATED : April 18, 2006
INVENTOR(S) : Biard et al.

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Item 56, References Cited, OTHER PUBLICATIONS, "Choe, et al...", change "AIAs" to --AlAs--
Item 56, References Cited, U.S. PATENT DOCUMENTS, Page 2, change "4,790,733 A 12/1988 Vaccaro" to --5,790,733 A 8/1998 Smith--
Item 56, References Cited, U.S. PATENT DOCUMENTS, Page 2, remove "5,586,571 A 12/1996 Guillermo"
Item 56, References Cited, U.S. PATENT DOCUMENTS, Page 2, change "6,086,263 A 6/2000 Smith" to --6,086,263 A 7/2000 Selli et al.--
Item 56, References Cited, U.S. PATENT DOCUMENTS, Page 3, change "6,496,621 B1 12/2002 Koehler et al." to --6,496,621 B1 12/2002 Kathman--
Item 56, References Cited, OTHER PUBLICATIONS, Page 3, "G.G. Ortiz..." change "GA0.8As" to --Ga0.8As--
Item 56, References Cited, OTHER PUBLICATIONS, Page 3, "Kash, et al..." change "AIAs" to --AlAs--
Item 56, References Cited, OTHER PUBLICATIONS, Page 3, "Koley B..." change "AIAs" to --AlAs--
Item 56, References Cited, OTHER PUBLICATIONS, Page 4, "Osinski..." change "AIAs" to --AlAs--
Item 56, References Cited, OTHER PUBLICATIONS, Page 4, "Ries,..." change "AIAs-AIGaAs/InGAP" to --AlAs-AIGaAs/InGaP--
Item 56, References Cited, OTHER PUBLICATIONS, Page 4, "Tao,..." change "AIGaAs" to --AlGaAs--

Drawings

Sheet 51, Figure 50, change both reference numerals "37" to --47--, as shown in attached
Sheet 52, Figure 51, change both reference numerals "37" to --47--, as shown in attached
Sheet 53, Figure 52, change both reference numerals "37" to --47--, as shown in attached
Sheet 54, Figure 53, change both reference numerals "37" to --47--, as shown in attached

Column 2

Line 25, change "mirror 16" to --mirror 15--

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Column 4

Line 17, change "On nitride layer 23, about" to --About--
Line 28, after "photo resist layer" insert --43--
Line 35, change "ebeam" to --e-beam--
Line 42, change "ebeam" to --e-beam--
Line 44, change "37" to --47--
Line 46, change "37" to --47--
Line 49, change "ebeam" to --e-beam--
Line 50, change "FIG. 52" to --FIG. 53--
Line 51, change "37" to --47--

Column 5

Line 11, after "PECVD" insert --, as in FIG. 64--
Line 28, after "16 and 24" insert --, as in FIG. 71--
Line 46, change "ebeam" to --e-beam--
Line 48, after "RTA)" insert --, shown in FIG. 80--

Column 6

Line 7, change "shown in FIG. 89" to --shown in FIG. 88--
Line 19, after "Nitride layer" insert --23--
Line 30, change "ebeam" to --e-beam--
Line 35, change "ebeam" to --e-beam--

Column 7

Line 26, after "As" insert --in--
Line 41, change "ebeam" to --e-beam--
Line 47, change "ebeam" to --e-beam--

Column 8

Line 19, change "ebeam" to --e-beam--
Line 24, change "ebeam" to --e-beam--
Line 35, change "spoke," to --spoke may be placed,--
Line 61, change "trenches 119" to --trenches 117--

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Column 9

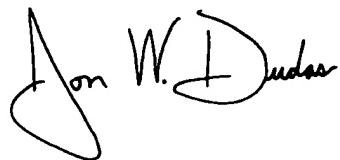
Line 26, change "ebeam" to --e-beam--
Line 27, change "Mask 127" to --Mask 126--
Line 28, change "mask 127" to --mask 126--
Line 30, change "ebeam" to --e-beam--
Line 47, change "ebeam" to --e-beam--
Line 52, change "122" to --172--

Column 10

Line 24, change "contract" to --contrast--

Signed and Sealed this

Twenty Second Day of April, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office

U.S. Patent

Apr. 18, 2006

Sheet 51 of 191

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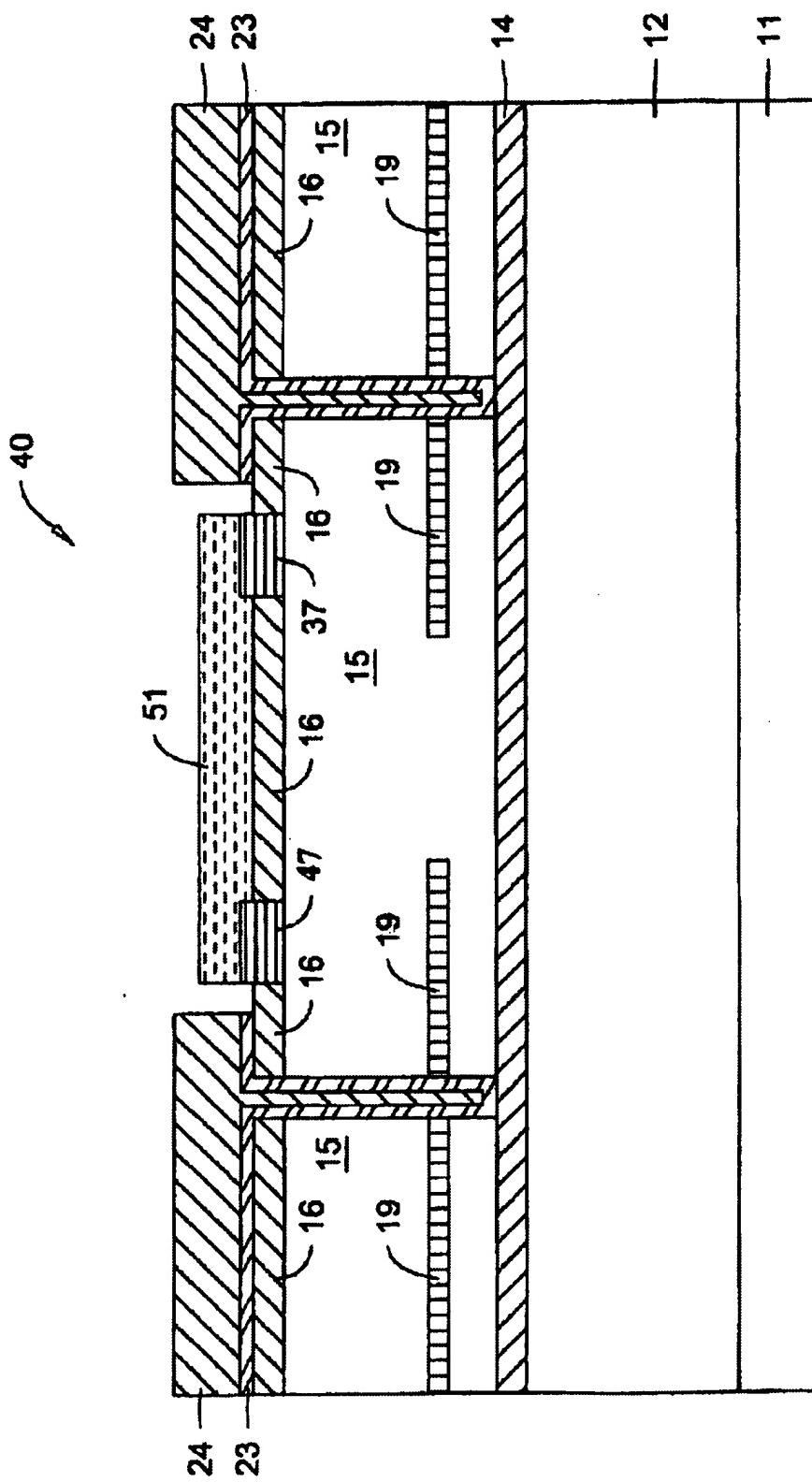


Figure 50

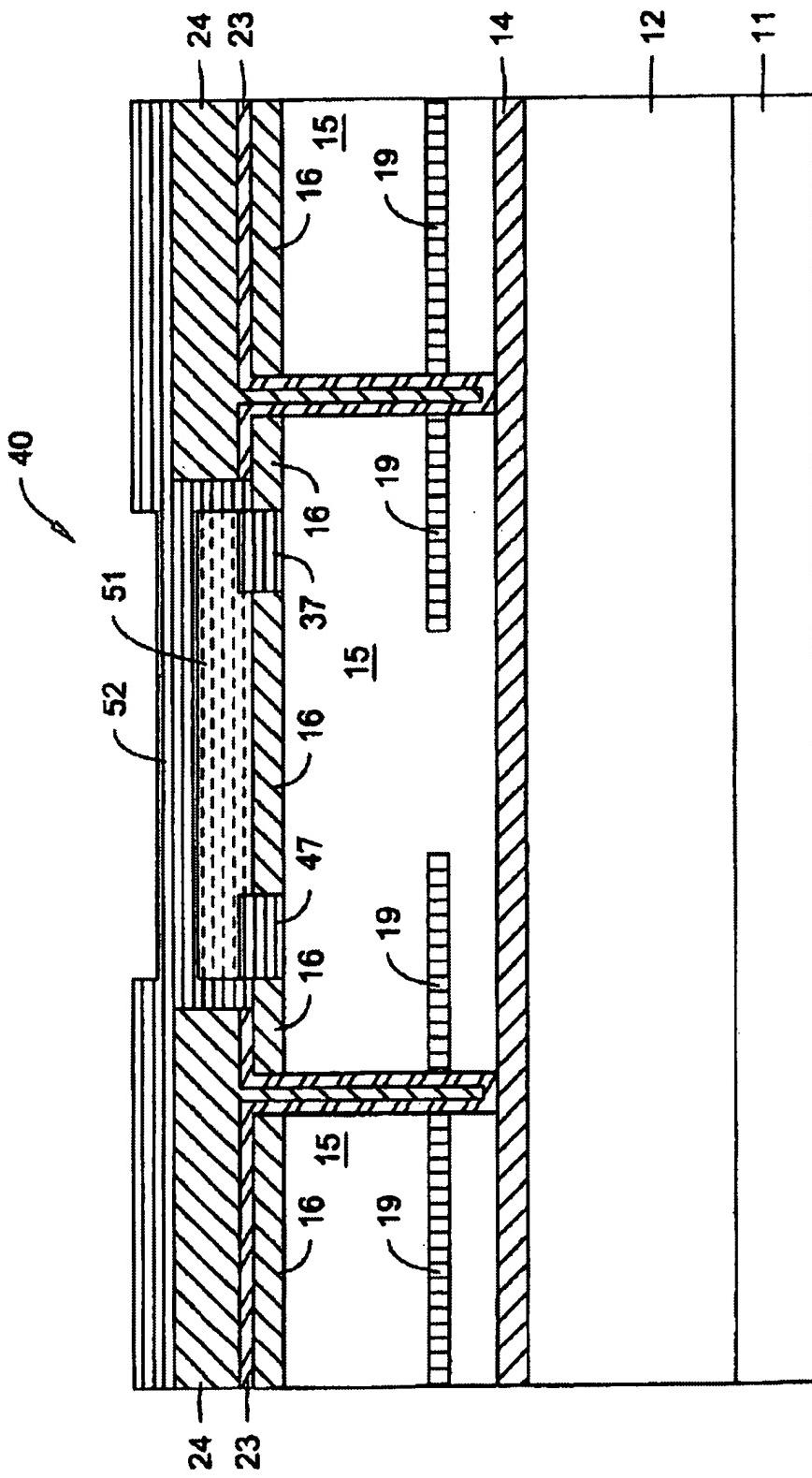


Figure 51

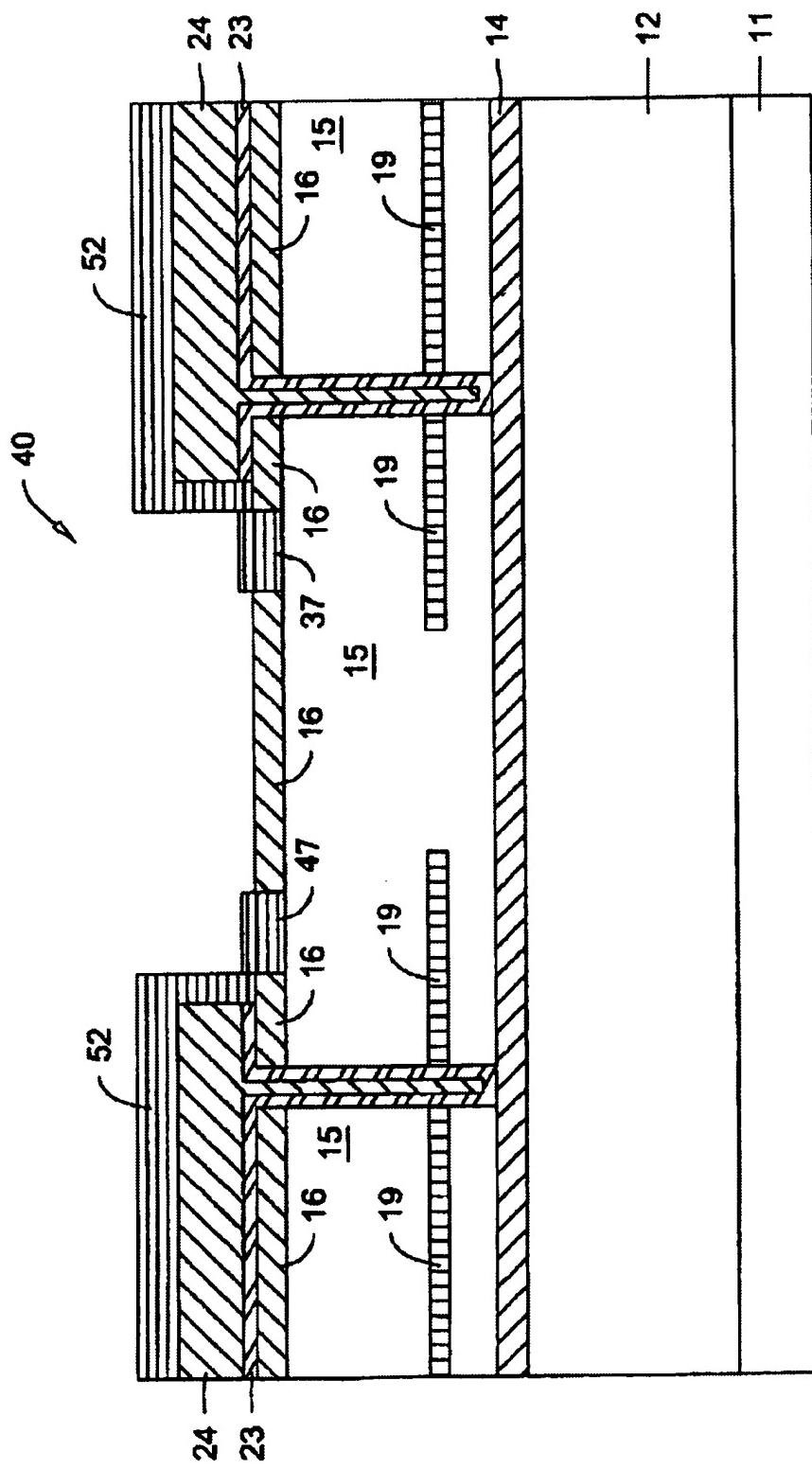


Figure 52

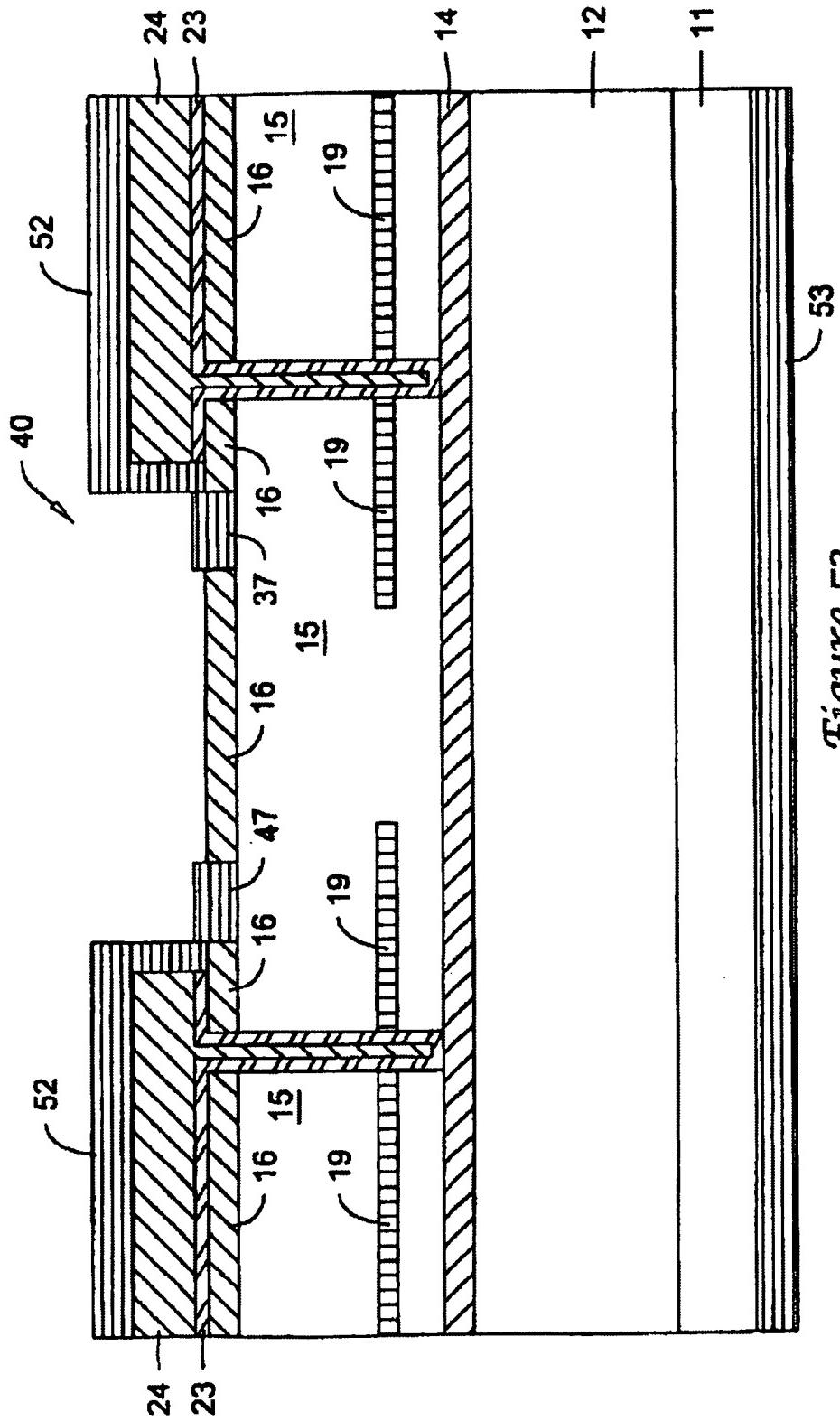


Figure 53